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Title: EP0992100A2: DEVICE AND SYSTEM FOR MANAGEMENT OF BATTERY BACK UP POWER SOURCE

Country: EP European Patent Office (EPO)

Kind: A2 Publ. of Application without search report ¹

Inventor: DUNN, James, H.;
de OLIVEIRA, Julio, C.;
GERWING, David, H.; [No.1](#)

Assignee: Estco Energy Inc.
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Application Number: EP1998000931856

IPC Code: [H02J 7/00](#); [G01R 31/36](#)

Priority Number: July 3, 1997 [US1997000887844](#)
July 4, 1997 [CA1997002209817](#)

Abstract:

The invention relates to a device for managing battery packs from which it is powered by measuring and monitoring the operating capacity of individual battery modules in a battery pack. A programmable logic controller directs the selective closing of relays to allow individual battery modules to be load-tested using a variable discharge load unit, without compromising useful battery pack capacity. In a further embodiment, the invention can include, for each user, a network of battery management devices with two-way communications links to a central management location with computer based monitoring and control of all battery packs. In addition, a centre of expertise on battery technology is linked to the user networks.

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Attorney, Agent or Firm: Gerbaulet, Hannes, Dipl.-Ing. ;

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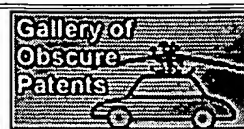
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